



**DECLARATION AND POWER OF ATTORNEY**  
(Case No. HYZ-040CIP)

As below-named inventors, we hereby declare that:

Our residences, post office addresses and citizenship are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**OLIGONUCLEOTIDES SPECIFIC FOR HEPATITIS C VIRUS**

the specification of which (check only one):

☐ is attached hereto.

☒ was filed as United States Patent Application

Serial No. 08/887,505

on July 2, 1997

and was amended

on \_\_\_\_\_

(if applicable)

☐ was filed as PCT Patent Application

Serial No. \_\_\_\_\_

on \_\_\_\_\_

and was amended under PCT Article 19

on \_\_\_\_\_

(if applicable)

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of the claims of this application in accordance with Title 37, Code of Federal Regulations, Sections 1.56(a) and 1.56(b).

We hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me us on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS  
UNDER 35 U.S.C. §119:**

<b>COUNTRY</b> (if PCT indicate PCT)	<b>APPLICATION NUMBER</b>	<b>DATE OF FILING</b>	<b>PRIORITY CLAIMED UNDER 35 U.S.C. §119 (YES/NO)</b>
--	---------------------------	-----------------------	---

We hereby claim the benefit under Title 35, United States code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

**PRIOR U.S. APPLICATION OR PCT INTERNATIONAL APPLICATION(S)  
DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. § 120:**

<b>APPLICATION NUMBER</b>	<b>DATE OF FILING</b> (day, month, year)	<b>STATUS: (PATENTED, PENDING OR ABANDONED)</b>
08/471,968	June 6, 1995	Pending
60/021,104	July 2, 1996	

**POWER OF ATTORNEY:** As a named inventor, we hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Ann-Louise Kerner, Ph.D.	Reg. No. 33,523
Wayne M. Kennard	Reg. No. 30,271
James B. Lampert	Reg. No. 24,564
Donald R. Steinberg	Reg. No. 37,241
Michael A. Diener	Reg. No. 37,122
Wayne A. Keown, Ph.D.	Reg. No. 33,923
Hollie L. Baker	Reg. No. 31,321
Colleen Superko	Reg. No. 39,850
Richard Goldenberg	Reg. No. 38,895
Gretchen A. Rice, Ph.D.	Reg. No. 37,429

The mailing address and telephone number of each of whom is HALE AND DORR LLP, 60 State Street, Boston, Massachusetts 02109, and (617) 526-6000, and Darlene A. Vanstone, Reg. No. 35,729

and Anne I. Craig, Reg. No. 32,976, the mailing address and telephone number of whom is Hybridon, Inc., 620 Memorial Drive, Cambridge, Massachusetts 02139, and (617) 528-7000, with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Wherefore we petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

*E. BA*

Full name of first joint inventor: Robert V. Kilkuskie

Inventor's signature *Robert V. Kilkuskie* Date 7/14/97  
Residence: 40 Ireta Road, Shrewsbury, Massachusetts 01545  
Citizenship: A Citizen of the United States of America  
Post Office Address: 40 Ireta Road, Shrewsbury, Massachusetts 01545

Full name of second joint inventor: Bruce L. Frank

Inventor's signature *Bruce L. Frank* Date 7/14/97  
Residence: 374 Simpson Road, Marlborough, Massachusetts 01752  
Citizenship: A Citizen of the United States of America  
Post Office Address: ~~40 Ireta Road, Shrewsbury, Massachusetts 01545~~ *374 SIMPSON ROAD, MARLBOROUGH, MA 01752*

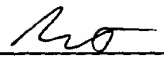
Full name of third joint inventor: John Goodchild

Inventor's signature *John Goodchild* Date 7-14-97  
Residence: 150 Ruggles Street, Westborough, Massachusetts 01581  
Citizenship: A Citizen of ~~Great Britain~~ *USA J.C.*  
Post Office Address: 150 Ruggles Street, Westborough, Massachusetts 01581

Full name of fourth joint inventor: Jia L. Wolfe

Inventor's signature *Jia L. Wolfe* Date 7/14/97  
Residence: 14 Boston Street, Somerville, Massachusetts 02143  
Citizenship: A Citizen of China  
Post Office Address: 14 Boston Street, Somerville, Massachusetts 02143

Full name of fifth joint inventor: Peter C. Roberts

Inventor's signature  Date 7/8/97  
Residence: 18 Concord Street, Holliston, Massachusetts 01746  
Citizenship: A Citizen of Great Britain  
Post Office Address: 18 Concord Street, Holliston, Massachusetts 01746

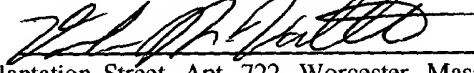
Full name of sixth joint inventor: Henry A. Hamlin, Jr.

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence: 4 Twin Oaks Circle, RR2 Box 554, Holland, Massachusetts 01521  
Citizenship: A Citizen of the United States of America  
Post Office Address: 4 Twin Oaks Circle, RR2 Box 554, Holland, Massachusetts 01521

Full name of seventh joint inventor: Noel A. Roberts

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence: 19 Elliswick Road, Harpenden, Herts AL5 4TP, United Kingdom  
Citizenship: A Citizen of Great Britain  
Post Office Address: 19 Elliswick Road, Harpenden, Herts AL5 4TP, United Kingdom


Full name of eighth joint inventor: Debra M. Walther

Inventor's signature  Date 7-16-97  
Residence: 285 Plantation Street, Apt. 722, Worcester, Massachusetts 01604  
Citizenship: A Citizen of the United States of America  
Post Office Address: 285 Plantation Street, Apt. 722, Worcester, Massachusetts 01604

Full name of fifth joint inventor: Peter C. Roberts

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence: 18 Concord Street, Holliston, Massachusetts 01746  
Citizenship: A Citizen of Great Britain  
Post Office Address: 18 Concord Street, Holliston, Massachusetts 01746

Full name of sixth joint inventor: Henry A. Hamlin, Jr.

Inventor's signature  Date 7/22/97  
Residence: 4 Twin Oaks Circle, RR2 Box 554, Holland, Massachusetts 01521  
Citizenship: A Citizen of the United States of America  
Post Office Address: 4 Twin Oaks Circle, RR2 Box 554, Holland, Massachusetts 01521

Full name of seventh joint inventor: Noel A. Roberts

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence: 19 Elliswick Road, Harpenden, Herts AL5 4TP, United Kingdom  
Citizenship: A Citizen of Great Britain  
Post Office Address: 19 Elliswick Road, Harpenden, Herts AL5 4TP, United Kingdom

Full name of eighth joint inventor: Debra M. Walther

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence: 285 Plantation Street, Apt. 722, Worcester, Massachusetts 01604  
Citizenship: A Citizen of the United States of America  
Post Office Address: 285 Plantation Street, Apt. 722, Worcester, Massachusetts 01604

Full name of fifth joint inventor: Peter C. Roberts

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence: 18 Concord Street, Holliston, Massachusetts 01746  
Citizenship: A Citizen of Great Britain  
Post Office Address: 18 Concord Street, Holliston, Massachusetts 01746

Full name of sixth joint inventor: Henry A. Hamlin, Jr.

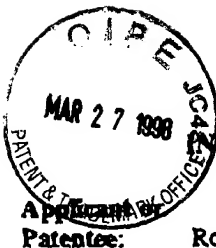
Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence: 4 Twin Oaks Circle, RR2 Box 554, Holland, Massachusetts 01521  
Citizenship: A Citizen of the United States of America  
Post Office Address: 4 Twin Oaks Circle, RR2 Box 554, Holland, Massachusetts 01521

Full name of seventh joint inventor: Noel A. Roberts

Inventor's signature Noel A Roberts Date 10/7/97  
Residence: 19 Elliswick Road, Harpenden, Herts AL5 4TP, United Kingdom  
Citizenship: A Citizen of Great Britain  
Post Office Address: 19 Elliswick Road, Harpenden, Herts AL5 4TP, United Kingdom

Full name of eighth joint inventor: Debra M. Walther

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
Residence: 285 Plantation Street, Apt. 722, Worcester, Massachusetts 01604  
Citizenship: A Citizen of the United States of America  
Post Office Address: 285 Plantation Street, Apt. 722, Worcester, Massachusetts 01604



THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. HYZ-040CIP)

Applicant:  
Patentee: Robert E. Kilkuskie et al.

Serial No. 08/887,505

Filed or  
Issued: July 2, 1997

For: OLIGONUCLEOTIDES SPECIFIC FOR HEPATITIS C VIRUS

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS**  
(37 C.F.R. § 1.9(d) AND § 1.27(c)) - SMALL BUSINESS CONCERN

I hereby declare that I am an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF SMALL BUSINESS CONCERN: Hybridon, Inc.  
ADDRESS OF SMALL BUSINESS CONCERN: 620 Memorial Drive, Cambridge MA 02139

I hereby declare that the above-identified small business concern qualifies as a small business concern as defined in 13 C.F.R. § 121.12 and reproduced in 37 C.F.R. § 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the business concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third part or parties controls or has the power to control both.

I hereby declare that the rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled

**OLIGONUCLEOTIDES SPECIFIC FOR HEPATITIS C VIRUS**

by the inventor(s) Robert E. Kilkuskie, Bruce L. Frank, John Goodchild, Jia L. Wolfe, Peter C. Roberts, Henry A. Hamlin, Jr., Noel A. Roberts, and Debra M. Walther described in

- ☐ the specification filed herewith
- ☒ Application Serial No. 08/887,505, filed July 2, 1997
- ☐ Patent No. \_\_\_\_\_, issued \_\_\_\_\_

If the rights held by the above-identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 C.F.R. § 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 C.F.R. § 1.9(d), or a nonprofit organization under 37 C.F.R. § 1.9(e).

FULL NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

☐ Individual      ☐ Small Business Concern      ☐ Nonprofit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 C.F.R. § 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing therein, or any patent to which this verified statement is directed.

E. Andrews Grinstead III

NAME OF PERSON SIGNING

President and Chief Executive Officer

TITLE IN ORGANIZATION

620 Memorial Drive, Cambridge MA 02139

ADDRESS OF PERSON SIGNING

E. Andrews Grinstead III

Signature

Date: March 25, 1998